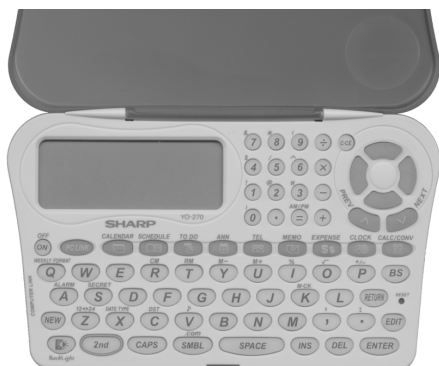


SHARP SERVICE MANUAL

CODE : 00ZZQ270SM/E

REPLACEMENT MODEL



YO-270 (include PC link kit)

ZQ-270 (include PC link kit)

****MODEL ZQ-270M (include PC link kit)****

DIS PLAY SECTION	STANDARD FUNCTION		12 digits	1M
	ELEMENT : FSTN-LCD		PARTS NAME : WK-SHA613-FG	
	NUMERAL : Full Dot		DOT Pitch : 0.04 (mm)	
	Dot size : 0.43 × 0.41		0.43 0.41   EDIT BATT CAPS2nd	
L S I	Name : (CPU)SPLB130		OTHER SPECIFICATIONS	
	Type : CHIP (58pins)			
POWER SUPPLY		AC : X	DC : O	Model : YO-270, ZQ-270, ZQ-270M Product name : Electronic Organizer Display : 48 × 111 dot matrix and other icons Memory capacity : 256 Kbytes User area: Approx. 235 Kbytes Clock mode : Accuracy : ±60 seconds / month (at 25°C / 77°F) Display : Year, month, day, day of the week, hour, minute, AM / PM, city name, time zone Clock system : 12-hour / 24-hour format (switchable) World clock function, daylight saving time / summer time display function, schedule alarm function Telephone mode : Entry and recall of Last name, First name, Company, Home#, Office#, Fax#, Other#, Address, City, State, Zip Code, Country, E-mail, Notes Calendar mode : From Jan., 1950 to Dec., 2150, Confirmation of the Schedule To Do, and Anniversary mode entries can be made by the indication marks seen on the right side of the date Schedule mode : Entry and recall of schedule (year, month, day, hour and minute), schedule alarm and Description To Do mode : Entry and recall of To Do listings (Due Date, Priority and Description) Memo mode : Entry and recall of memo listings Expense mode : Entry and recall of Expense Listings (Date, Category, Amount, Payment, Receipt and Memo) and Summary Report during a specified period to display the total amount spent in a preset category, Meals, Hotel, Car, Phone, Fares, Entertainment, Tips and Misc, that can be changed with the selection of Change Category. Anniversary mode : Entry and recall of month, day, and description of anniversaries Calculator mode : 12 digits (with calculation status symbol) Addition, subtraction, multiplication, division, percentage, square root, memory calculation, etc. Currency/Unit conversion mode : 12 digits, 30 kinds of currencies (10) and metric (20) conversions Power consumption: 0.3W Operating temperature : 0°C ~ 40°C (32°F ~ 104°F) Power supply : Operating battery : 9V ⎓ (DC) (Lithium battery CR2032 x 3) Battery life : Operating batteries (at 25°C / 77°F) ● Approx. 170 hours ; When data is continuously displayed without backlight. ● Approx. 120 hours ; When data is continuously displayed with Backlight for 2 minutes per hourly use. ● Approx. 120 hours ; When data is searched for 5 minutes and displayed for 55 minutes per hourly use and backlight is on for 2 minutes per hourly use. ● Approx. 1 years ; When turned off and the clock is running.
● BATTERY TYPE		Operating battery : CR2032 × 3 pcs		
AC ADAPTOR				
RECHARGEABLE BATTERY				
POWER CONSUMPTION		0.3W		
AUTO POWER OFF		Default.7minutes Select time (1,2,3,5,7,9) minutes		
MEMORY PROTECT		Yes		
DIMENSIONS (mm)				
154(W) x 92.5(D) x 13(H) mm (When closed) 154(W) x 179.7(D) x 9.5(H) mm (When open)				
CALCULATIONS				
12 digits (with calculation status symbol) Addition, subtraction, multiplication, division, percentage, square root, memory calculation, etc.				
Weight				
Approx. 125 g (Including batteries)				
Accessories				
3 lithium batteries (installed), one 3.5" floppy disk, PC interface cable, operation manual				

Parts marked with "△" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

■Power supply

Batteries used

Type	Model	Quantity
Lithium battery	CR2032	3

- Be sure to write down any important information stored in the memory before replacing the batteries.

1. Precautions

Since improper use of the batteries may cause leakage or explosion, strictly observe the following instructions.

- Insert the battery with its positive side (+) correctly orientated.
- Never throw batteries into a fire because they might explode.
- Keep batteries out of the reach of children.
- When batteries become near exhaustion, remove them from the Organizer immediately to avoid battery leakage and corrosion inside the Organizer.

Because the batteries in the Organizer were installed at the factory, they may become exhausted before the specified expiration time is reached.

2. Operating Batteries Replacement

(1) Battery replacement time

When " **BATT** " is displayed, immediately replace the batteries with new ones. If the battery level is low, the alarm may not sound, or similarly the Backlight may not function or remain on for less than the set interval. Continued use of the Organizer with low batteries can alter or clear the memory contents. Memory contents may be lost if the batteries are improperly replaced or if the following instructions are disregarded.

Caution:

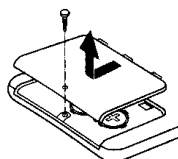
- PC-LINK may not be available when the battery level is low.
- Expense Report (Summary Report) may not be available when the battery level is low.
- Under the low battery condition, new data entry and editing of existing data may not be performed in some modes. Also Clock and other settings may not be mode.

(2) Replacing the batteries

- Make sure the power is turned off before replacing the batteries.
- Do not press **ON** until the battery replacement procedure is completed.
- Do not remove all of the batteries at once. Remove and replace batteries one by one.

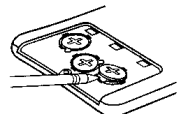
1. Press **ON** to turn the power off.

2. Loosen the screw (turn counterclockwise) and remove the battery holder cover on the back of the unit.

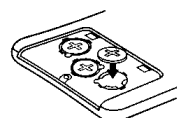


3. Remove one used battery using a ball-point pen or similar object.

- Do not use a mechanical pencil or sharp pointed object.



4. Install one new battery with the positive side (+) facing up.



5. Repeat step 3 and 4 for replacing each battery.
6. Replace the holder cover and secure with the screw.
7. The power will be turned on 2 to 3 seconds after ON is pressed.
8. Set the clock to the correct time.

Caution:

- Clock settings may be lost when batteries are removed for a long time.
- Make sure to confirm all settings are set correctly after replacing the batteries.

■[PC LINK]

Using the included Backup/Restore Utility

With SHARP PC Interface software and cable package, you can Backup data with an IBM compatible personal computer.

What Does PC Interface Software Do?

Backup : Backs up all data in the Organizer to your PC.

Restore : Restores data from a backup file into the Organizer.

System Requirements

Windows 2000 Professional, Windows Me, Windows 98

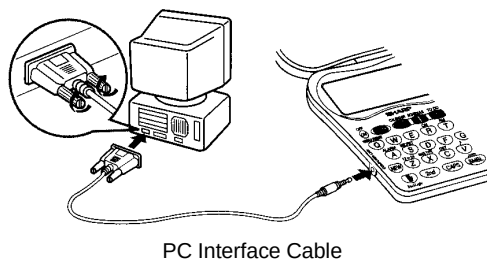
- 100% IBM Compatible PC
- Pentium 150MHz or higher
- 8MB free hard disk space
- 32MB RAM (64MB for Windows 2000 Professional)
- VGA monitor or better
- Microsoft Mouse or compatible Pointing Device
- 3.5" (90mm) disk drive
- One available serial port with D-sub 9-pin connector

Caution:

- PC-LINK may not be available when the battery level is low.

Connecting Your Organizer to a PC

1. Turn off your PC and the Organizer.
2. Connect the standard 9-pin connector of the PC interface cable to a COM port on your PC.
 - Using a 25-pin connector instead of the standard 9-pin connector requires an additional adaptor. (Commercially available.)
3. Connect the other end of the PC Interface Cable to the PC interface connector located on the left side of the Organizer.



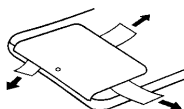
PC Interface Cable

Using the Organizer for the First Time

Be sure to perform the following operations before using the Organizer for the first time.

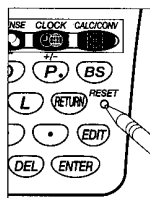
1. Pull out the battery insulation sheets from the battery compartment.
The Organizer starts operation.

(The battery insulation sheets were inserted at the factory to prevent battery wear.)



2. Press the **RESET** switch.

A message, "CLEAR ALL DATA OK?" is displayed.



3. Use or to select "Yes" and press **ENTER**.

The message will appear as "Do you really want to initialize the organizer's memory?"

4. Select "Yes" using or and press **ENTER**.

The Organizer is now initialized. Proceed to set the date and time of the clock (Refer to OPERATION MANUAL).

Note:

- Press the **RESET** switch with a ball-point pen or similar object. Do not use an object with a breakable or sharp tip.

Packing form

Model	Form	SPEC	Country
YO-270	Clamshel	U1E	SEC
		UKE	SEC
ZQ-270M	Clamshel	Y12	SECL
	Universal	LCO	SEEG, SEA, SEZ, SEB
		LLO	SEIS, SEES
ZQ-270	Clamshel	LA1	SUK
		LB1	SCA, SCNZ
	Universal	LNO	SRS, SRSSC, STCL, SMEF, Agent
		LDO	SRH

Parts List

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	0MYMSCRWF10200	AD	N	C	Screw (for Battery cover)
2	0MYMYO270268A0	AF	N	D	Battery cover
3	0MYMYO2706801/	AE	N	D	Manual (ENGLISH+SPANISH) [U1E, UKE]
	0MYMZQ27068010	AD	N	D	Manual (ENGLISH) [LA1, LB1, LNO, LDO]
	0MYMZQ27068020	AD	N	D	Manual (FRENCH) [Y12, LCO]
	0MYMZQ27068030	AD	N	D	Manual (GERMAN) [LCO]
	0MYMZQ27068040	AD	N	D	Manual (NETHERLAND) [LCO]
	0MYMZQ27068050	AD	N	D	Manual (ITALIAN) [LLO]
	0MYMZQ27068070	AD	N	D	Manual (PORTUGUESE) [LLO]
	0MYMZQ27068080	AD	N	D	Manual (CHINESE) [LNO, LDO]
	0MYMZQ27068090	AD	N	D	Manual (ARABIC) [LNO, LDO]
	0MYMZQ27068100	AD	N	D	Manual (ENGLISH) [Y12, LCO, LLO]
	0MYMZQ27068110	AD	N	D	Manual (SPANISH) [LLO]
4	0MYMEL27000100	AD	N	D	BAR CODE CARD [LCO]
	0MYMEL27000200	AD	N	D	BAR CODE CARD [LLO]
5	0MYMYO27074010	AG	N	D	Floppy disk for software
6	0MYMEL27000300	AL	N	D	Cable for PC-LINK
7	0MYMEL60600600	AE		D	Chinese label [LDO]

SHARP

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